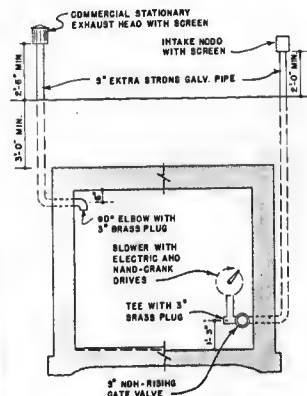


**AIR INTAKE HOOD**



**VENTILATION SYSTEM (ATA-A)**

### LIGHT AND POWER

SERVICE ENTRANCE CABLE, TYPE UF, IS BURIED AT LEAST TWO FEET, LOOPED AND BROUGHT THROUGH WALL IN CONDUIT. PLUS CONDUIT WITH HYDRAULIC CEMENT.

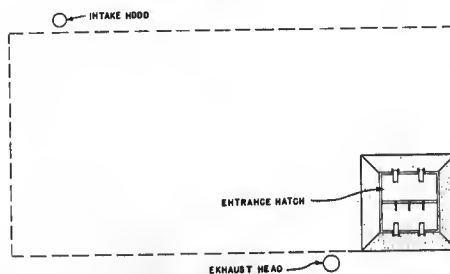
SERVICE PANEL IS FUSED SAFETY SWITCH FOR TWO ED AMPERE 120 VOLT CIRCUITS.

OUTLETS ARE SURFACE MOUNTED NON-METALLIC GROUNDING TYPE. CIRCUIT WIRING IS 10 1/2 UF.

SUGGESTED ELECTRICAL EQUIPMENT:

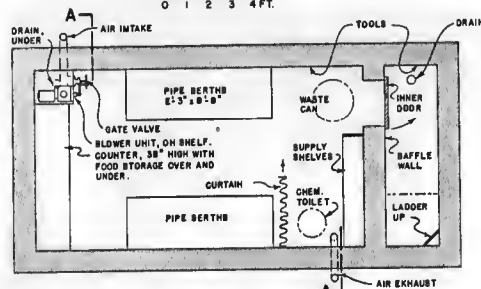
TWO BURNER HOT PLATE.  
1800 WATT RESISTANCE HEATER WITH FAN.  
DEHUMIDIFIER (IN HUMID CLIMATES)

PROVIDE BATTERY OPERATED LANTERNS AND FLASHLIGHTS FOR USE IN CASE OF POWER FAILURE.

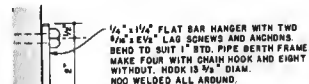
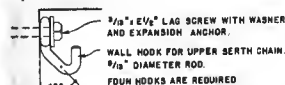
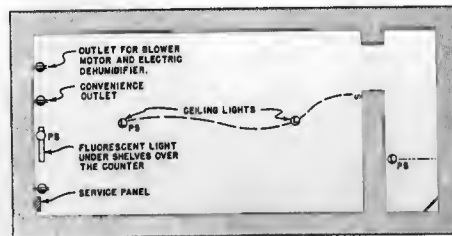


**PLAN ABOVE GROUND**

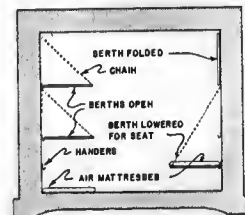
(ANTENNA BLOCK NOT SHOWN)



**ARRANGEMENT PLAN**



**BERTH SUPPORTS**



**TYPICAL CROSS SECTION**

SHOWING ARRANGEMENT OF BERTHS

BERTHS ARE RECTANGULAR FRAMES OF 1" STD. PIPE WITH PLAIN ELBOW, DOWEL AND PIN ONE END RAIL, ON ONE LONG SCREW WITH CLOSE HIPPLE AND COUPLING FOR ASSEMBLY. DOVER WITH 1/2" x 1" WELDED WIRE FABRIC, WITH TRANSVERSE WIRES SPACED 1/4".

COOPERATIVE EXTENSION WORK IN  
AGRICULTURE AND HOME ECONOMICS  
DEPARTMENT OF AGRICULTURAL ENGINEERING  
UNIVERSITY OF MARYLAND

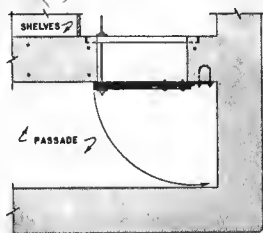
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

**BLAST AND FALLOUT SHELTER**  
FOR SIX PEOPLE

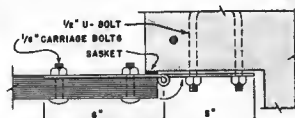
USDA '63 EX 59571 SHEET 1 OF 4



USDA	SS	EX. 5957	SHEET 3 OF 4
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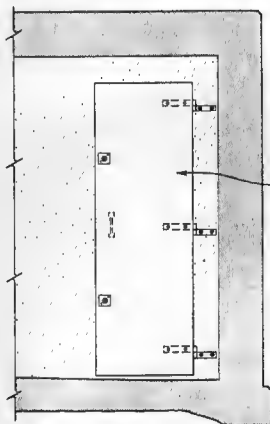


PLAN

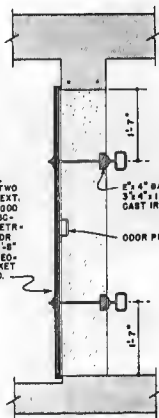


USE HEAVY DUTY HINGES WITH 8" LEAF FLUSH WITH INNER FACE OF DOOR. SHIM 6" LEAF TO THE COMPRESSED THICKNESS OF BASKET (ABOUT 3/4").

DETAIL AT HINGE



ELEVATION

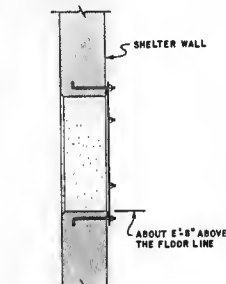


SECTION

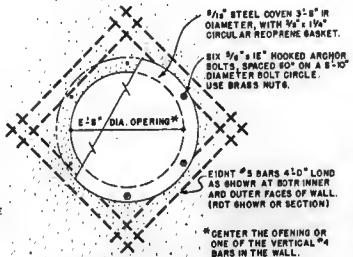


LOCKING DETAILS

INNER DOOR

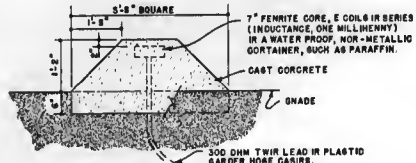


SECTION  
REINFORCING BARS NOT SHOWN

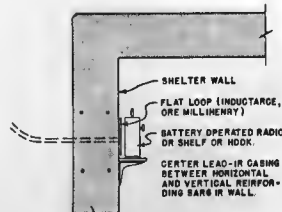


ELEVATION  
FROM INSIDE

OPTIONAL EMERGENCY EXIT



ANTENNA BLOCK



SECTION

ANTENNA SYSTEM

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS DEPARTMENT OF AGRICULTURAL ENGINEERING UNIVERSITY OF MARYLAND AND UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING			
BLAST AND FALLOUT SHELTER FOR SIX PEOPLE			
USDA	95	EX. 5957	SHEET 4 OF 4